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MODIFIED CLAIMS 1 to 5 after IPER

1. Method for securing a data packet stream, which method is characterized in that it involves the following steps:

- 5 - arranging the packets to be sent in a packet matrix of D rows and L columns;
- to each row and each column of the matrix, applying an error correction function, the result of which is a correction packet enabling the reconstruction of at least one lost packet in the
- 10 row, respectively the column, to which the error correction function is applied ;
- sending the resulting correction packets in addition to the data packets.

15 2. Method according to Claim 1 in which the correction function is also applied to the row formed by correction packets resulting from the application of the correction function to each column of the matrix generating an additional correction packet.

20 3. Method according to Claim 1 in which the correction function is also applied to the column formed by correction packets resulting from the application of the correction function to each row of the matrix generating an additional correction packet.

25 4. Method according to any one of the preceding claims in which the headers of the correction packets contain a field for distinguishing whether they have been computed on a row or a column of the matrix.

30 5. Method according to any one of the preceding claims in which the correction packets are transmitted in the same stream as the data packets.